

1989-90 CATALOG



**Designers and Manufacturers
of Specialty Tools and
Fixtures for the
Bicycle Industry**

THE PARK TOOL STORY

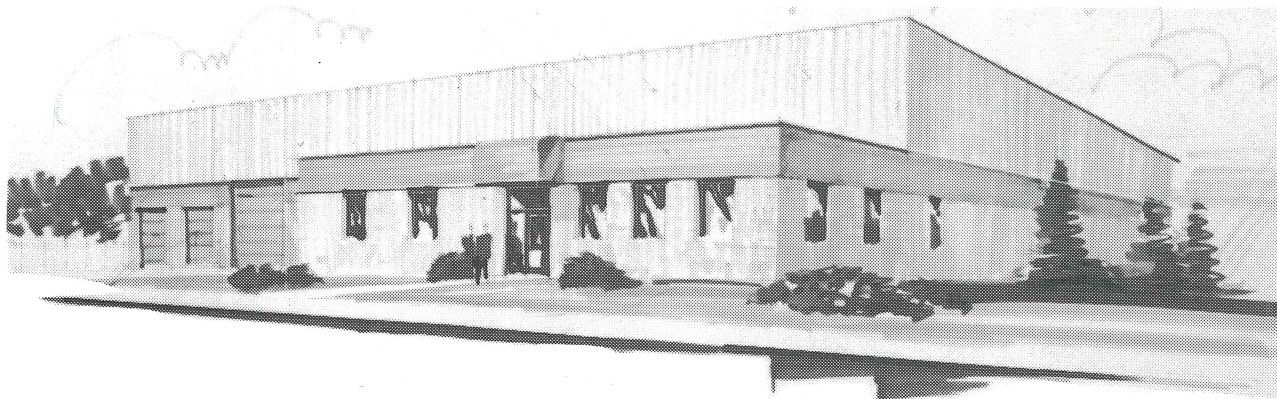
"NECESSITY IS THE MOTHER OF INVENTION"

Twenty-five years' experience in the retail bicycle industry has enabled us at Park Tool Company to see and understand the needs of bicycle repair and maintenance and then create, design, and manufacture tools to meet those needs.

Our first product in 1963 was a repair stand, Model PRS-1, so unique and useful we were granted a U.S. patent. Our wide range of tools now numbers almost 100.

Most of the tools we manufacture are unique, designed to enable any bike mechanic to do repairs more easily, quickly and profitably. We are constantly striving to improve our products and are working on new ideas to further improve the efficiency of bicycle mechanics, whether they be professional or hobbyist.

Today our tools are used worldwide. Some are designed for constant shop use and others are used by consumers and dealers alike.



OUR CONTINUED GROWTH HAS MADE IT NECESSARY TO EXPAND AND CONSTRUCT AND OPERATE OUT OF THIS NEW, MODERN FACILITY.

We believe tools can be merchandised and sold just as any other bicycle-related product. As customers see Park Tools in use, an interest is created to purchase tools for their own use. Many of our tools are now skin-packaged on attractive, colorful cards. (Look for the ★ throughout this catalog for carded tools). Recognize this opportunity. Display and sell Park Tools, "The Asked-For Tools".



Respectfully Yours,

Howard C. Hawkins
Arthur B. Engstrom
Eric H. Hawkins

Quality Made In



What Is A Repair Stand?

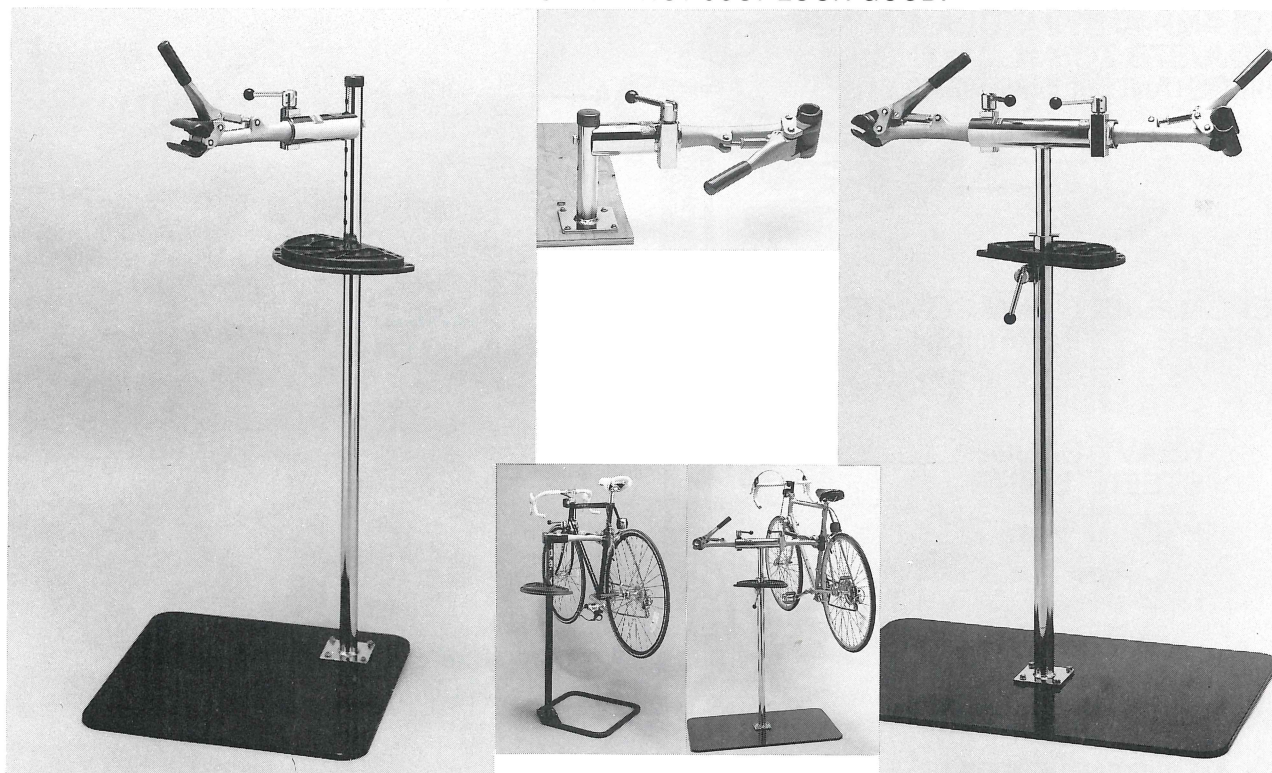
We believe a repair stand (or work stand) is the MOST IMPORTANT TOOL IN ANY SHOP, whether in a cyclery or in a home. Our first product was a repair stand, over 25 years ago, and we now offer 8 models to fit any need and budget.

A work stand makes any repair work much easier, from major overhauls to simple flat tire repair to tune-ups.

A repair stand must hold a bicycle securely and firmly at ANY position, at ANY height. Many adjustments are more easily done when the bicycle is turned over (or inverted), allowing easy access to any part. Wheel removal is much easier in the inverted position. Many repair stands today simply DO NOT allow a bicycle to be inverted. ALL PARK STANDS DO! We recommend clamping onto seat tube for easy inversion.

Park Repair Stands feature the famous Park Clamp, unique enough to be granted a U.S. patent.

"PARK STANDS ARE DESIGNED TO PERFORM — NOT JUST LOOK GOOD."



DETAILS ON THESE AND OTHER PARK STANDS ARE FOUND ON THE FOLLOWING PAGES.

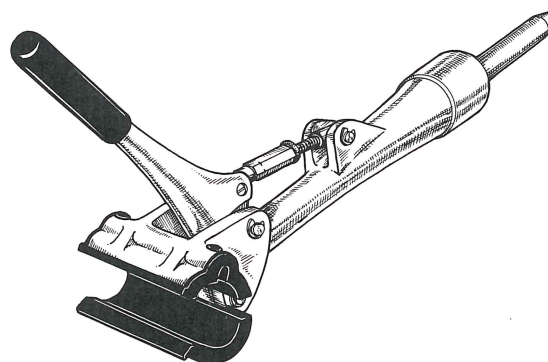
IMPORTANT ANNOUNCEMENT: NEW CLAMP DESIGN

Because many new bicycles are constructed of over-sized tubing, we have re-designed our clamps to fit all tubing sizes from 1" to 1 3/8", including aluminum and most composites.

Provision has also been made for cable clearance when the clamp is used on the top tube of a bicycle.

Clamp covers are now molded from DuPont 550 Elvax®, an extremely tough, durable material, and are easily replaced when damaged or worn.

We are pleased to make these changes and will continue to improve our products as needs arise . . .

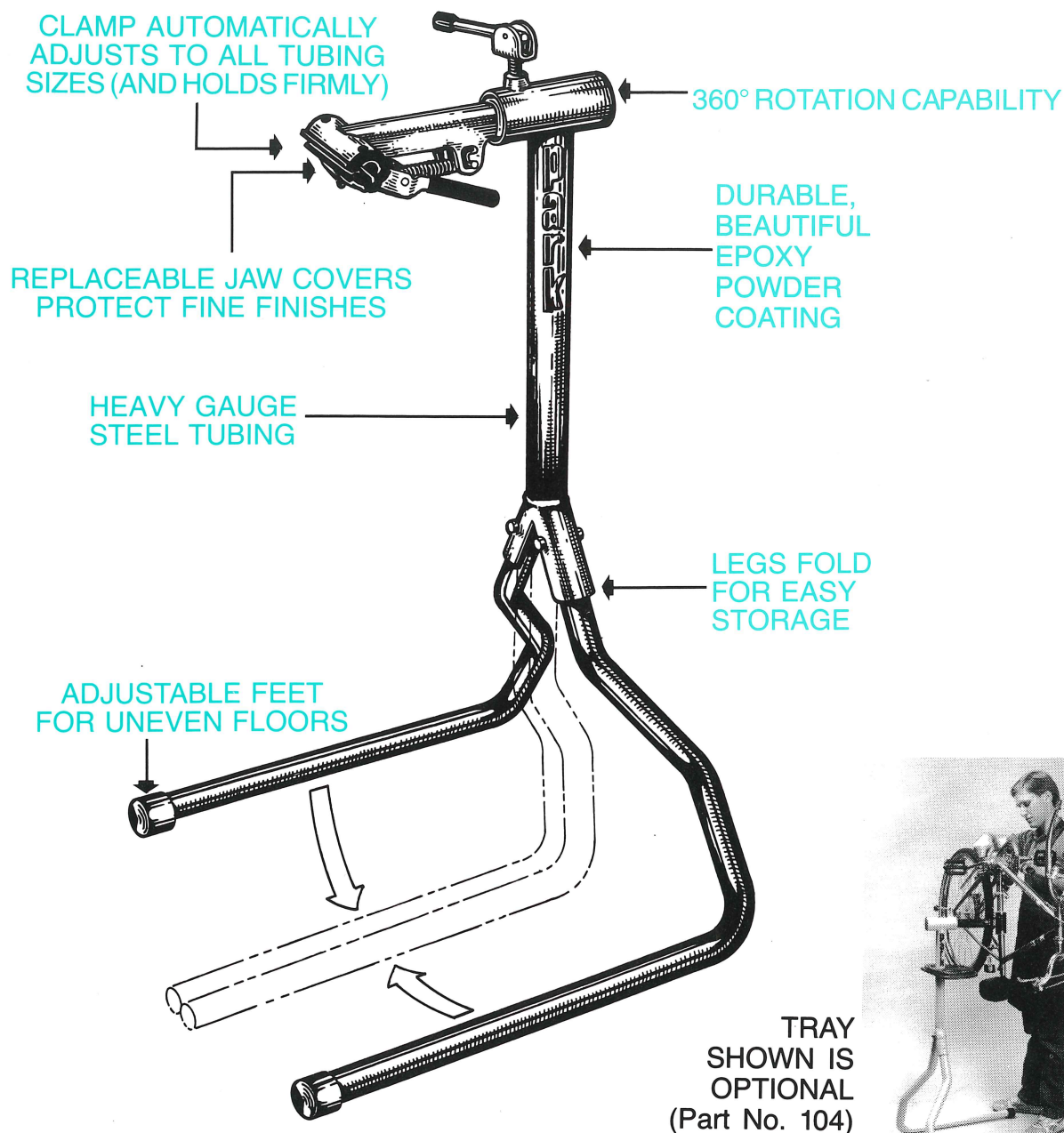


Park Consumer Model Stand PCS-1, 2

Today many riders use a work stand to perform many simple repairs on their own bikes. A good consumer stand should incorporate the following features:

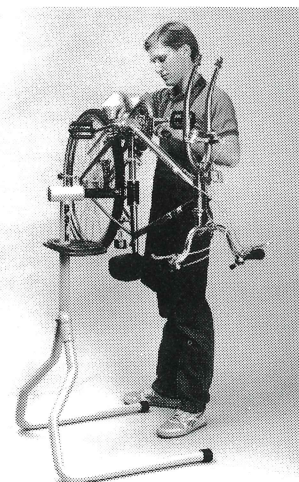
- Quick adjusting clamp to fit all tubing sizes
- Collapsible for storage
- 360° rotation for infinite placement
- Strong, sturdy, attractive
- Quality construction for long life
- Competitively Priced

We are pleased to present our PCS-1 which meets all the above criteria, and is backed by the Park Tool commitment to quality and integrity — the commitment that says "It's Not Enough To Just Look Good, That's Easy. Our Products Must Actually Perform."



ALSO AVAILABLE: PCS-2 BENCH MOUNT

Shipping Weights: PCS-1 – 25 lbs. PCS-2 – 8 lbs.



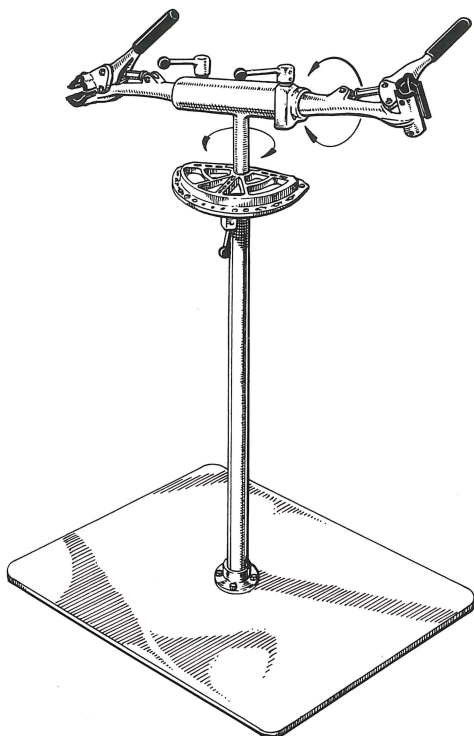
Deluxe Single and Double Arm Repair Stands

After 25 years, still the best stands available. Used in the finest repair shops world-wide, the accepted standard of the industry. Ultimate quality and ultimate versatility. Highly recommended for the rugged, continuous use given in most bicycle shops.

Deluxe Double Arm Repair Stand Model PRS-2

WORLD'S FINEST BICYCLE REPAIR STAND.

This stand is designed for the professional mechanic and features infinite adjustments of the clamps, both in clamping pressure, and in rotating positions. The height is adjustable, allowing perfect placement for maximum comfort and efficiency.

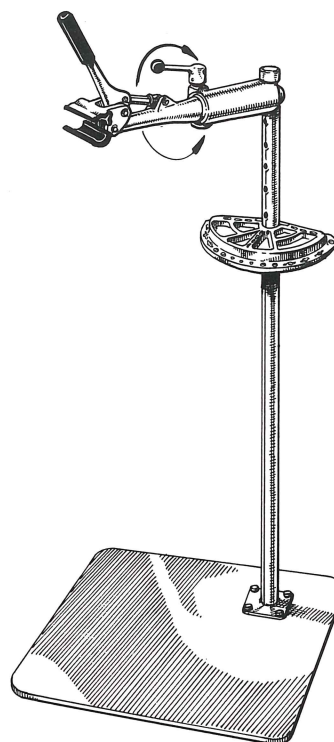


The clamps rotate 360°, allowing the bicycle to be positioned at any angle. The clamps can be adjusted for virtually any size frame tubing. Because the stand itself rotates a full 360°, one bicycle can be swung out of the way, allowing the other clamp to be used for "rush" repair jobs. The entire stand is heavily chrome plated, and the heavy steel base is painted. The stand is also available with out the base. For mounting directly to the floor, use Part No. FP-2, Floor Mounting Plate. **Work Tray included.**

Shipping Weight: 160# with base; 40# without base.

Deluxe Single Arm Repair Stand Model PRS-3

This stand is one-half of the Deluxe Double-Arm Repair Stand (PRS-2), and incorporates most of the same features in a stand suitable for smaller areas.



The clamp rotates 360°, and is adjustable for virtually any size frame tubing. Clamp height is adjustable from 37" to 47". The solid steel base weighs 68 lbs., making for a very stable stand. The stand is heavily chrome plated and available with or without the base. **Includes large compartmented tool tray.**

For mounting directly to the floor, use Part No. FP-2, Floor Mounting Plate.

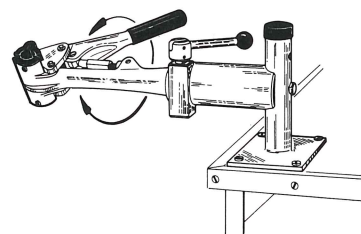
Shipping weight: 90# with base; 23# without base

Deluxe Bench Mount Repair Stand PRS-4

This stand uses the same clamp as the PRS-2 and PRS-3, and rotates 360° allowing the bike to be positioned at any angle. Heavily chrome plated.

The clamp can be adjusted to two different heights. Mounts easily to any flat surface (bolts not included).

Shipping Weight: 12#



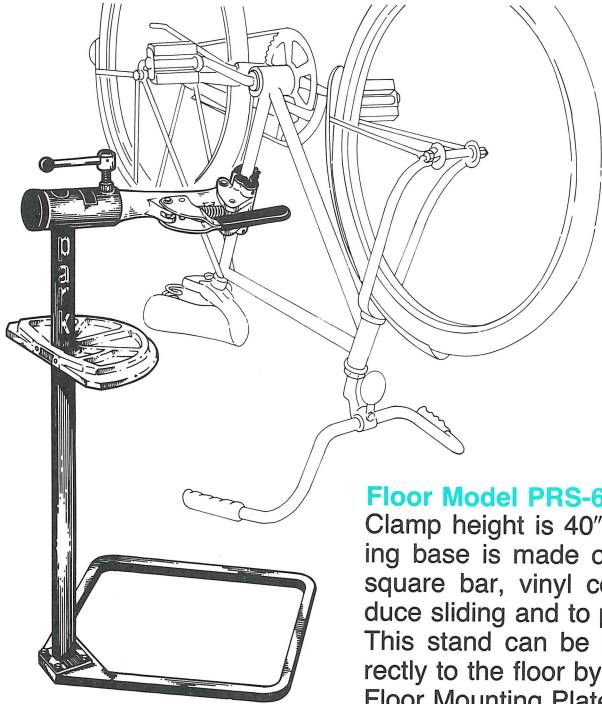
Standard Model Repair Stands

The same high quality you've come to expect from Park Tool company is found in these workstands. While primarily designed for occasional or intermittent use, these repair stands can be and are being used in many shops with excellent results. For constant or heavy duty use, we recommend using our Deluxe Model Stands (found on page 4).

Single Arm Repair Stand Model PRS-6, 7 & 8

These stands have many fine features, incorporating our many years of experience, and are particularly good values, because of their competitive prices.

Features include: Quick-acting, spring loaded clamp which automatically adjusts to any frame size. Unique, simple locking lever system allows bicycle to be positioned any place on full 360° rotation. Choice of floor, bench, or wall mount. Rich, black, epoxy finish.

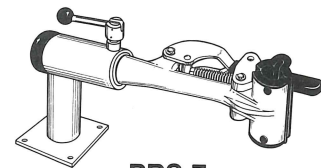


Floor Model PRS-6:

Clamp height is 40". Self-standing base is made of solid steel square bar, vinyl coated to reduce sliding and to protect floor. This stand can be mounted directly to the floor by using FP-2, Floor Mounting Plate.

(Work tray shown is optional — order #104)

Shipping Weight: 33# with base 16# without base

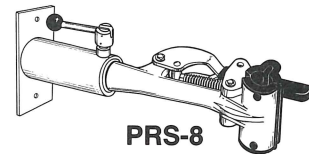


PRS-7

Bench Model PRS-7:

Easily mounted on any workbench. Mounting flange has 4 holes, allowing use of bolts or lag bolts to mount. (Bolts not included.)

Shipping Weight: 10#



PRS-8

Wall Mount PRS-8:

Designed to be easily mounted on any post or wall stud. Lag bolts are included.

Shipping Weight: 10#

Repair and Replacement Parts are Available for all Park Repair Stands

Tool Kaddie Model TK-2 & TK-3

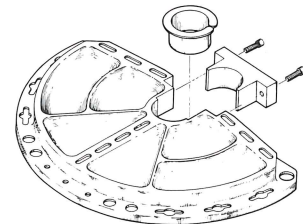
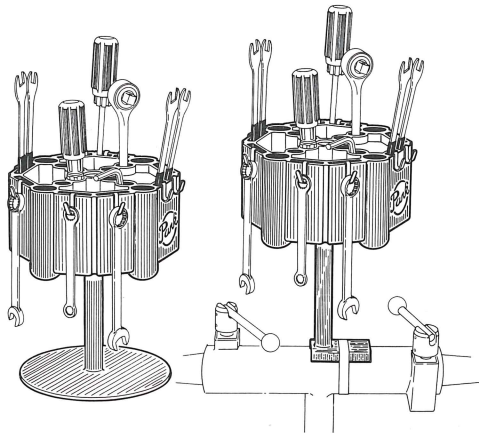
This new, handy unit is perfect for holding tools which are used frequently right at your fingertips. Featuring deep sockets and slots as well as 12 hooks, there is no limit as to what it will hold. Also makes an ideal place to store pencils, pens, ruler, etc., when used on a desk. Two models to choose from.

Repair Stand Mount TK-2: Mounts easily on any Park Repair Stand. Comes complete with all necessary mounting hardware.

Bench/Desk Mount TK-3: Free-standing model for use on any flat surface.

Both models rotate to bring most needed items up close.

Shipping Weight: 4# each



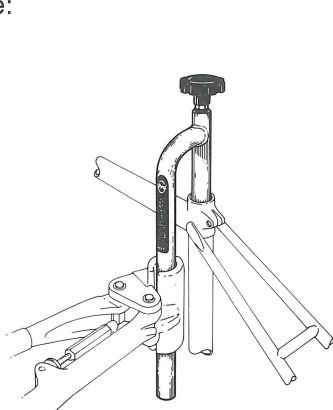
Work Tray #104

Large tray is ideal for holding small parts and tools. Features deep sides so small items stay put. Variety of slots and holes to hold any tool. Fits all Park Stands.

Shipping Weight: 2#

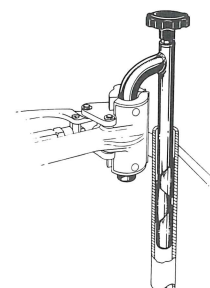
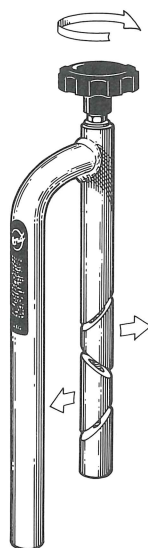
Internal Seat Tube Clamp

This tool is designed to be used with any Park Repair Stand. Its purpose is to allow a mechanic to hold a frame securely without actually clamping onto a painted frame. The proper ISC is inserted into the frame and the large knob is tightened. The Repair Stand is then clamped onto the extended tube. Two models are available:



ISC-1

Fits Frames 25mm or Larger
(Most touring and mountain bikes)



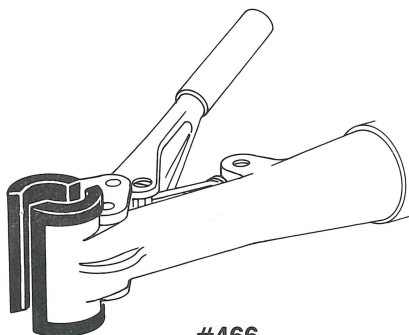
ISC-2

Fits Frames $1\frac{3}{16}$ " to 24mm
(BMX — American sized frames)

Shipping Weight: 3 # each

Replacement Clamp Covers

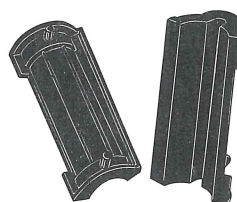
Offered in 2 models to fit all Park Repair Stands.



#466

These rubber covers can be used to protect the bike from the clamp after the original plastic covering has become worn. The plastic covering must be removed from the clamp for these to fit properly. They are sold in pairs.

Shipping Weight: 2 oz. pr.

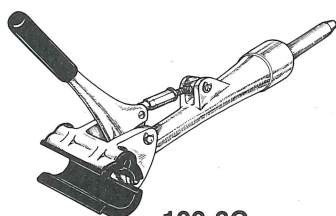


#467

Fit new style clamps with snap-in covers. Simply discard old covers and snap-in new covers.

Replacement Clamps

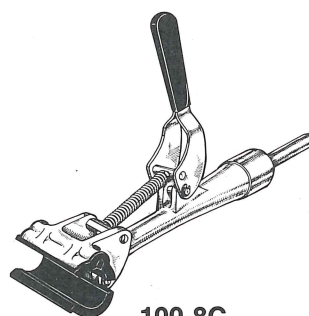
2 models available:



100-3C

Adjustable Linkage Clamp
Fits PRS 2, 3 & 4

Shipping Weight: 6# each

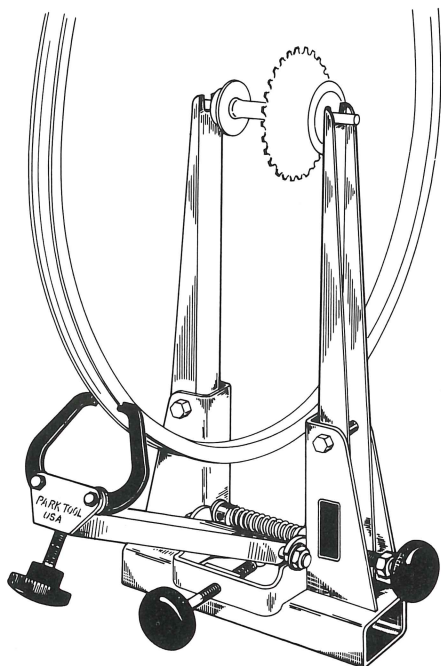


100-8C

Spring Linkage Clamp
Fits PRS 6, 7 & 8

Shipping Weight: 6# each

Wheel Building and Truing Aids



Professional Model Wheel Truing Stand Model TS-2

The Park Professional Truing Stand is the stand to choose for fast, easy wheel truing. Accepts wheels from 16" to 28" with or without tire removed. Axle-holding uprights move simultaneously, always centering wheel hub with calipers, regardless of hub width. Calipers and caliper arm are spring loaded to prevent jamming with a badly out-of-true wheel. Made of heavy, chrome plated steel, with nylon bushings at pivot points. Can be bench mounted or vise held. Truly a professional quality wheel truing stand — the standard of the industry.

Shipping Weight: 18#



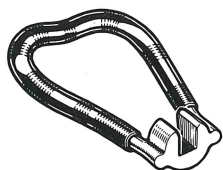
Consumer Wheel Truing Stand Model TS-6

This low cost truing stand was designed and built in response to many requests for such a stand. It is recommended for light duty or occasional use, and is especially directed to the home mechanic or for the small repair shop. While it is possible to true wheels as accurately as with our model TS-2 Professional Truing Stand, some additional time is required to manually center the hub in the stand. For heavy duty shop use, we recommend using our Model TS-2 Professional Model Truing Stand. Can be bench mounted or vise held. Attractive black epoxy finish.

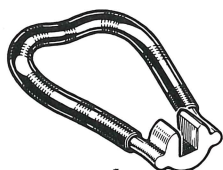
Shipping Weight: 9#

Spoke Wrenches *

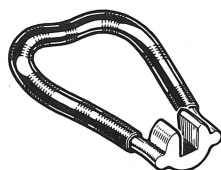
Professional quality, precision sized spoke wrenches are hardened and chrome plated for long service. Park Spoke Wrenches are vinyl coated in one of 5 colors telling the size at a glance. Color coded size card is included with complete sets (SW-5 and SW-6). BEWARE OF IMITATIONS! **PARK SPOKE WRENCHES ARE MARKED "PARK TOOL."**



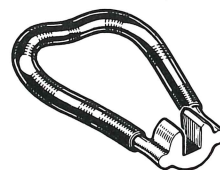
SW-0 (Black)
Spoke Wrench for
80 Gauge-.127 Nipple



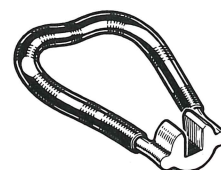
SW-1 (Green)
Spoke Wrench for
80 Gauge-.130 Nipple



SW-2 (Red)
Spoke Wrench for
80 Gauge-.136 Nipple



SW-3 (Blue)
Spoke Wrench for
105 Gauge-.156 Nipple



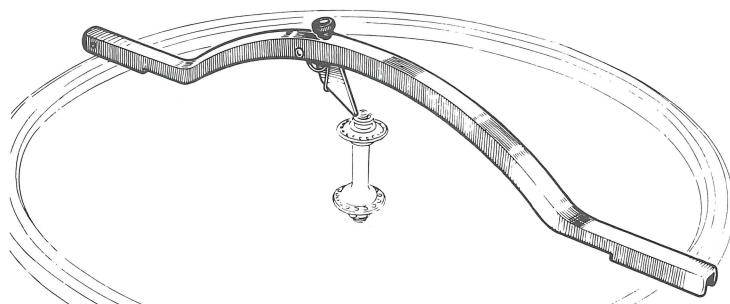
SW-4 (Yellow)
Spoke Wrench for
120 Gauge-.192 Nipple

Available individually or in sets.

SW-5 Set of 4 Spoke Wrenches — (SW-1, 2, 3, 4)

SW-6 Set of 3 Spoke Wrenches — (SW-0, 1, 2)

Shipping Weight: 2½ oz. per set.



Permits centering of front and rear wheels over the outside locknuts.

Wheel Alignment Gauge WAG-1

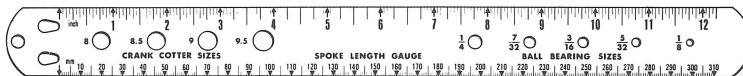
This tool is a quick, easy way to check the offset of rear hubs on 5 and 10 speed bikes. It can be used on any size wheel, either on or off the bike. The positive, screw-operated indicator will not move when set. It is an aid in determining whether the frame is properly aligned.

Shipping Weight: 1#

Spoke, Bearing, and Cotter Gauge SBC-1

This handy shop aid is ideal for sizing spokes, ball bearings and crank cotters. To use, just hang the head of the spoke in the oblong hole and read its length on the scale. For crank cotters and ball bearings it works just like a gauge for drill bits. Spoke lengths are marked in both metric and fractional.

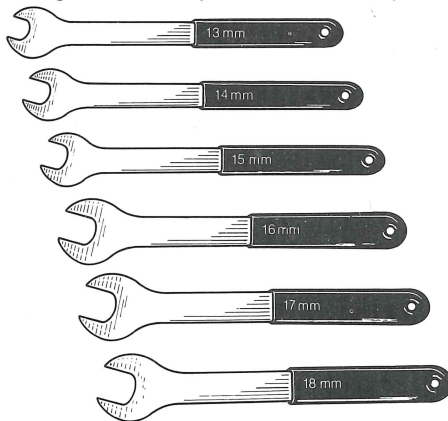
Shipping Weight: 2 oz.



Park Cone Wrenches CW-1 – CW-19

The finest available, these wrenches are made of thin chrome plated tool steel with vinyl coated handles. They are made in twelve different sizes for many applications and are available individually or in sets. Each size clearly marked.

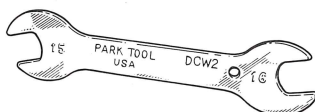
Shipping Weight: 2½ oz. per wrench; 1# per set



- CW-1** ½" Cone Wrench
- CW-2** 9/16" Cone Wrench
- CW-3** 5/8" Cone Wrench
- CW-4** 11/16" Cone Wrench
- CW-5** ¾" Cone Wrench
- CW-6** 7/8" Cone Wrench
- CW-7** Fractional Set — 1 each of above
- CW-13** 13mm Cone Wrench
- CW-14** 14mm Cone Wrench
- CW-15** 15mm Cone Wrench
- CW-16** 16mm Cone Wrench
- CW-17** 17mm Cone Wrench
- CW-18** 18mm Cone Wrench
- CW-19** Metric Set — 1 each of above

Double-Ended Cone Wrenches * DCW-0, 1, 2, 3

These cone wrenches are designed for the home mechanic or occasional user. They are made of thin tool steel and are chrome plated for long use. Available in 4 popular sizes from 11MM to 18MM. Their small size makes them ideal to carry on a bicycle for quick repairs.

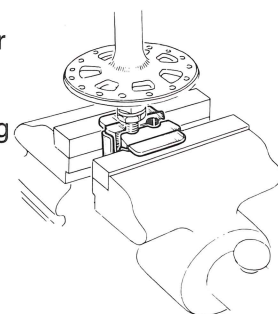


- DCW-0** 11MM–12MM
- DCW-1** 13MM–14MM
- DCW-2** 15MM–16MM
- DCW-3** 17MM–18MM

Shipping Weight: 2 oz. per wrench

Axle Vise AV-1

This tool holds the axle so it will not turn while work is done on the hub. It has two different diameter receptacles so it will work on front and rear axles. It is simple to use — just insert the axle into the proper diameter opening and tighten the bench vise. The jaws open automatically when the vise is opened.



Shipping Weight: 3 oz.

Head, Crank and Pedal Wrenches

Large, heavy duty wrenches, heat treated and chrome plated for tough use. Designed to fit virtually all bottom bracket cones and lock nuts, head lock nuts and cones and pedals.



HCW-1
37MM & 43MM DOUBLE BOX-END
(larger end fits Schwinn one-piece inner cone)



HCW-2
35MM BOX-END AND PIVOTING
LOCK RING SPANNER



HCW-3
35MM BOX-END AND 26MM OPEN-END
(open-end feature on 35MM permits use without
removing crank arm)



HCW-4
36MM BOX-END AND PIN SPANNER



HCW-5
LOCK RING SPANNER AND 32MM BOX-END



HCW-6
32MM HEAD WRENCH & 15MM PEDAL WRENCH



HCW-7
30MM AND 32MM HEAD WRENCH



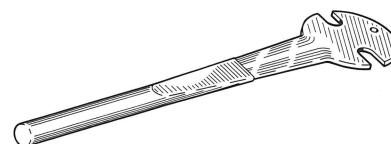
HCW-8
33MM AND 34MM HEAD WRENCH



HCW-9
31MM AND 40MM HEAD WRENCH

Pedal Wrench PW-1

Incorporating two popular sizes on one wrench, the Park pedal wrench has a unique design which permits sufficient force to be used to remove even the most stubborn pedals. The long vinyl coated handle is very comfortable to use. Chrome-plated, chrome-moly steel, properly heat treated.

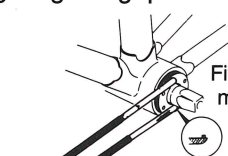


PW-1 15MM and 9/16"

Shipping Weight: 11 oz.

Pin Spanners SPA-1-6 ★

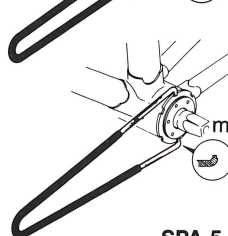
Park Pin Spanners have been designed to give maximum usefulness and versatility at the lowest possible cost. Special tough high-carbon tool steel is used on each tool to ensure long life. Handle is vinyl coated to give good grip and feel to the tool. Color-coded for easy recognition.



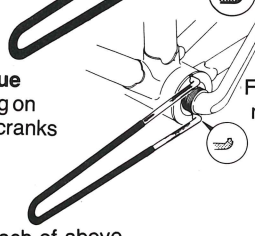
SPA-1 Green
Fits adjusting cone on
most 3-piece cranks



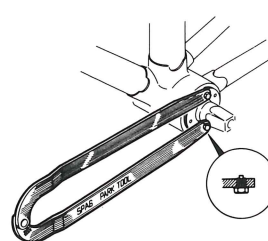
SPA-2 Red
Fits adjusting cone on
most gear clusters



SPA-3 Blue
Fits lock ring on
most 3-piece cranks



SPA-4 Yellow
Fits adjusting cone on
most 1-piece cranks



SPA-6 Adjustable Spanner

Shop quality adjustable Pin Spanner, this spanner uses hardened, replaceable pins. Designed for heavy duty use, the distance between pins is adjustable, allowing use on virtually any hanger cup. Uses No. 1501 replacement pins.

SPA-5 Set of 1 each of above
Shipping Weight: 2 oz. ea.

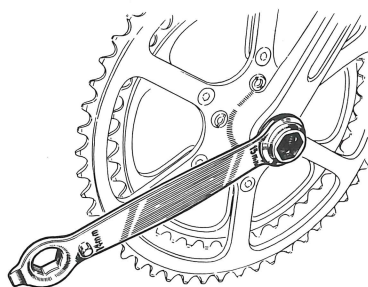
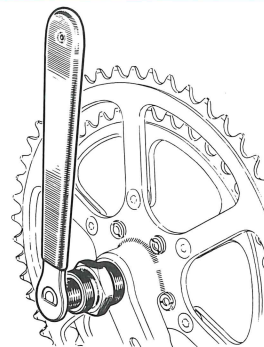
SPA-5: 8 oz.

Shipping Weight: 1#

Cotterless Crank Puller CCP-1 ★

This unique universal design, originated by Park Tool Company, eliminates the need to have a different puller for each different brand of crank set. The double end puller nut fits all cranks.

Shipping Weight: 5 oz.



Cotterless Crank Wrench CCW-2 ★

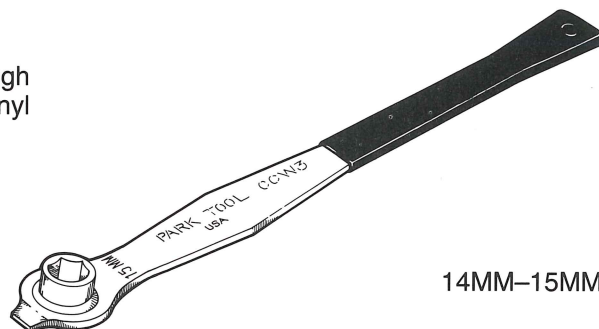
This one wrench removes dust caps and tightens or loosens mounting bolts on all brands of cotterless cranks. It has a 5MM hex key and a screwdriver for dust caps and box wrench sizes 14, 15, and 16MM for mounting bolts.

Shipping Weight: 4 oz.

Cotterless Wrench CCW-3

This long-handled wrench provides extra leverage for tough to remove crank bolts. Heat treated and chrome plated. Vinyl coated handle. New, improved model.

Shipping Weight: 8 oz.



14MM-15MM

Cotterless Crank Wrenches ★

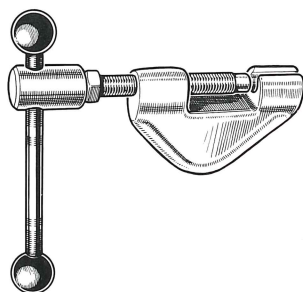
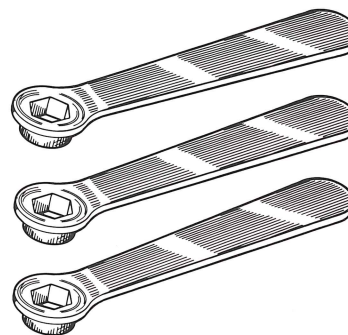
We also offer crank bolt wrenches in 3 individual sizes to fit all popular brands of cotterless cranks, at popular prices.

Shipping Weight: 4 oz.

CCW-14 14MM

CCW-15 15MM

CCW-16 16MM



Crank Cotter Remover CR-2

This tool was designed to remove and reset tapered crank cotters by applying tremendous power to the pin without the damaging effects of a hammer on cups and bearings. Chrome-plated.

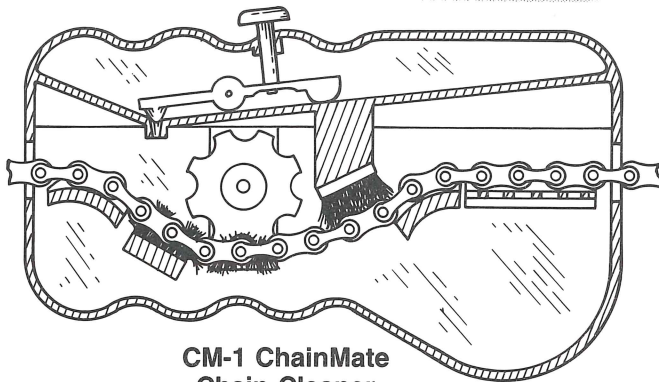
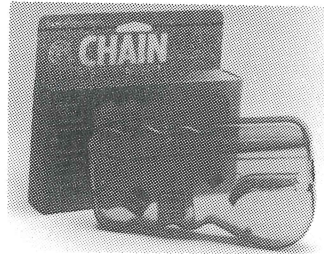
Shipping Weight: 2#

Specialty Tools For Gear System Maintenance

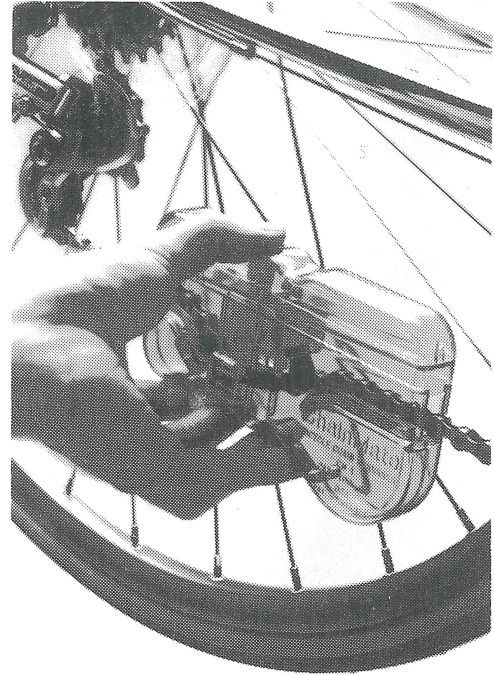
Dirt and grime can damage a bike's gear system (chain, derailleur, gears). We offer three products which will help keep your system clean and running trouble free.

ChainMate™, CM-1 Chain Scrubber

Park Tool's revolutionary patented chain cleaner that does what others can't: thoroughly scrub the chain on all four sides! The ChainMate uses four stationary nylon brushes that scrub the top, bottom and even the side plates of the chain where most of the dirt collects. The brushes hold their shape for many cleanings.



CM-1 ChainMate
Chain Cleaner



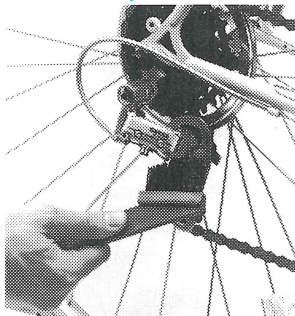
EASY TO USE —

Fill the top reservoir with clean solvent (Park ChainBrite is highly recommended). Hold ChainMate on chain as shown and slowly rotate crank backward while depressing fluid release valve. The chain is constantly bathed in fresh, clean solvent. Used, dirty solvent collects in lower reservoir for easy disposal.

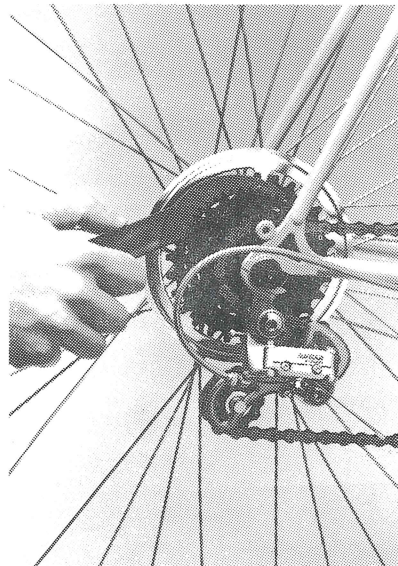
U.S. Pat. #4,593,923

Shipping Weight: 6 oz.

GearClean, GSC-1 ★

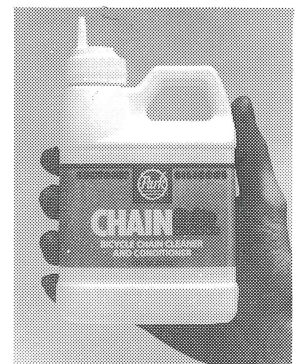


Park GearClean has a unique design — a large comfortable handle with a curved, toothed end for reaching dirt deep between the gears and a tough nylon bristle brush to really clean the derailleur and chain. Works great on brakes or other places where dirt collects.



(Pat. Pending)
Shipping Weight: 6 oz.

ChainBrite™, CB-1



ChainBrite is specially formulated to use with Park's ChainMate Chain Scrubber. It quickly dissolves grease and gum deposits, leaving a clean, fresh protective lubricant coating for smooth, quiet operation.

Shipping Weight: 1#

Frame and Fork Straightening Tools

This section is devoted to our frame and fork straightening tools. Many bicycles cannot be properly repaired and adjusted because their frames and forks are no longer true. With the high cost of new bicycles and replacement frames and forks, straightening can be a viable, cost effective alternative for many customers. Most damaged bicycles can be safely straightened and repaired when the proper tools are used by skilled mechanics. When these tools are used to straighten and assure the alignment of a frame or fork, the repaired bicycle will be safer to ride as well as easier and more profitable to repair.

CAUTION

During any repair, the customer's safety should always come first. Customers should be advised prior to straightening, that not all bicycles can be repaired. After alignment, all frames and forks should be carefully inspected for cracks or kinked tubes. A customer should be advised when a certain condition renders a bicycle unsafe to ride.

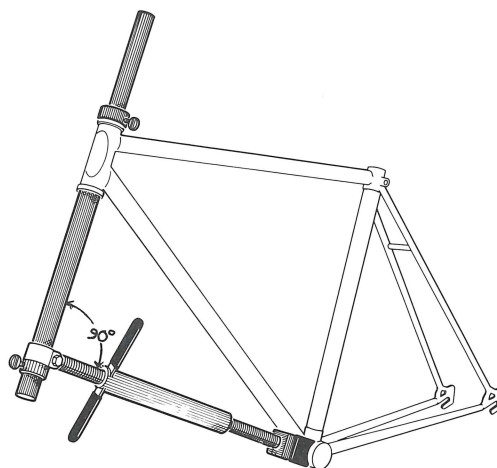
Head Tube Straightener (HTS-1)

After a front-end collision, many bicycles will require the head tube of the frame to be straightened because they will no longer steer properly and the front wheel has reduced clearance at the down tube and the pedals. The Park Head Tube Straightener (HTS-1) is designed to quickly correct the angle of the head tube.

After the fork has been removed from the frame, the shaft of the HTS-1 is inserted through the head set races and secured with a set collar. This shaft has two different diameters to fit domestic and foreign frames, and is made of high strength Fatigue-proof® steel.

The turnbuckle is then connected to the shaft at a 90° angle and tightened against the bottom bracket. The turnbuckle is extended until the shaft and head tube are at the desired angle. Tremendous pressure is generated with this tool, and any frame can be straightened with little physical effort. The fork should be checked for damage prior to reassembly.

Shipping Weight: 12 lbs.

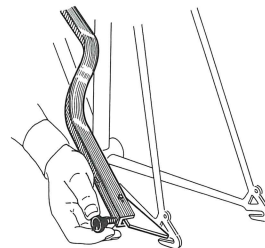
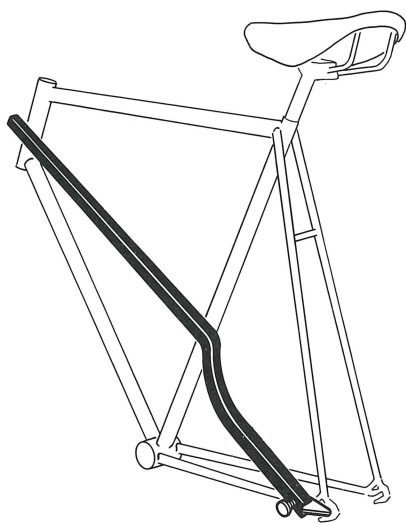


Frame Aligning Gauge (FAG-1)

Many bicycles will not shift or track properly because the front and rear wheels are not in line with the frame. If these conditions still exist after wheel and derailleur adjustments, the seat stays, chain stays, and rear drop-outs of the frame may be misaligned.

For years the accepted method to check the alignment of the rear drop-out was to run a string from one drop-out, around the head tube to the other drop-out, and compare the distance from the seat tube to the string on either side. This method does work to some extent. However, it is not accurate, because the measurement is not taken at the drop-out. With the Park Frame Alignment Gauge (FAG-1) the alignment can be checked quickly and accurately, at the drop-out.

Shipping Weight: 1#



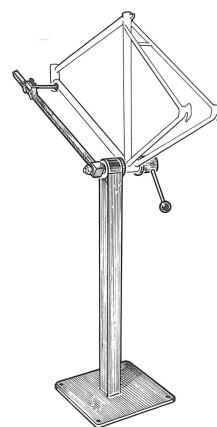
Frame Repair Stand (FRS-1)

The most awkward part of the frame straightening process is holding the frame while the tubes are bent into alignment. The Park Frame Repair Stand (FRS-1) securely holds any frame by the bottom bracket, allowing full access to all the frame tubes without clamping to painted surfaces or repositioning the frame in the stand.

The gauge bar swings into position to determine the alignment of the tubes in the main triangle of the frame, then quickly swings out of the way during straightening. The top tube, seat tube, and down tube can be compared along their entire length as well as to each other, by the indicator on the gauge bar. When the main triangle is properly aligned, the indicator will show that all points on the three tubes of the frame are the same distance from the gauge bar as the seat tube nearest the bottom bracket.

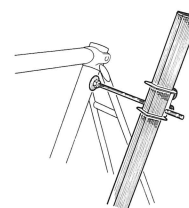
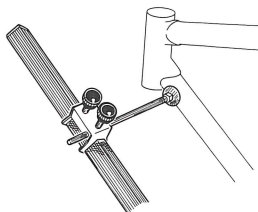
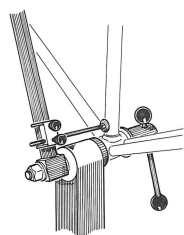
MANY OTHER TOOLS IN THIS CATALOG ARE USED FOR ALIGNING THE FRAME. THE PARK FRAME STAND (FRS-1) IS THE FOUNDATION OF THE PROCESS, HOLDING THE FRAME FIRMLY IN POSITION WHILE OTHER OPERATIONS ARE PERFORMED.

Shipping Weight: 47 lbs.

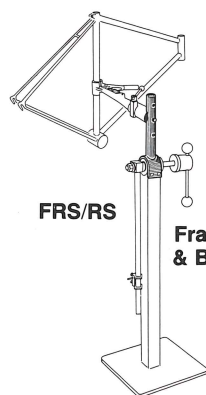


**Frame Repair Stand
FRS-1**

**BASE MUST BE ANCHORED
TO THE FLOOR. HOLES ARE
PROVIDED IN THE HEAVY
BASE-PLATE.**



The main tubes are compared to the seat tube nearest the bottom bracket. Main triangle is true when ends of top tube, seat tube, and down tube are same distance from gauge bar.



#990

**Frame Repair Stand
& Bike Repair Stand
Combination
(FRS/RS)**

Combination Frame Bike Repair Stand

To improve the usefulness of our frame repair stand (FRS-1), we offer an adaptor which allows a repair stand clamp unit to be mounted on the stand.

The adaptor mounts with just two bolts, making it very simple to remove when the stand is to be used for frame repair and alignment. Our PRS-3 or PRS-4 clamp unit fits the adaptor.

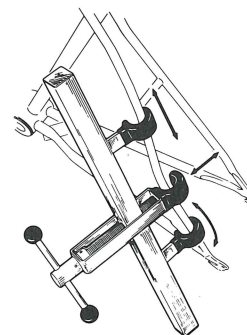
Adaptor Only (#990) — Shipping Weight: 4#

Adaptor and Clamp Unit (#991) — Shipping Weight: 14#

Complete Unit (#FRS/RS) — Shipping Weight: 60#

Frame Stay Straightener SS-1

One of the most difficult tasks in frame repair is straightening seat and chain stays that have been damaged. This STAY STRAIGHTENER (SS-1) is a unique, adjustable tube bender that can straighten seat and chain stays quickly and accurately. The middle hook can either pull or push the tube into position, while the other two hooks adjust to the length and contour of the damaged area. Vinyl coated hooks will not mar paint. Ruggedly constructed of finest materials — you will amaze yourself how well you can straighten seat and chain stays.



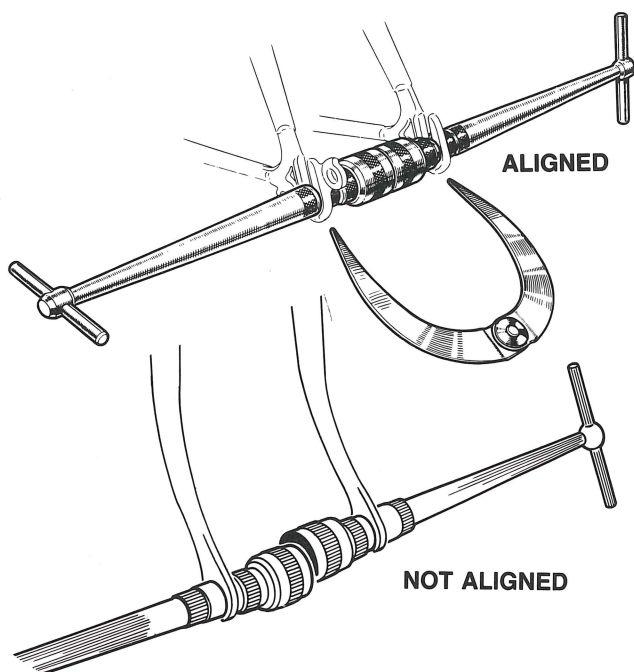
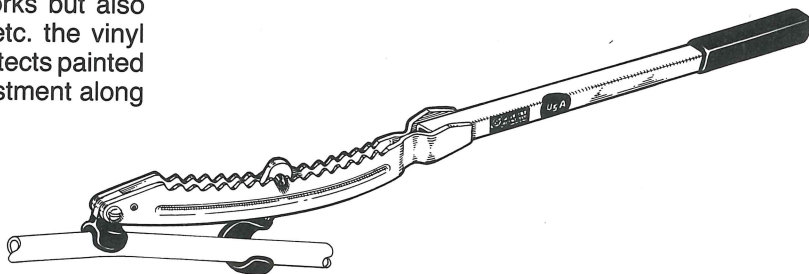
Shipping Weight: 5#

Frame and Fork Straightener FFS-1

The Park Frame and Fork Straightener is a versatile and productive tool. The open hook design enables it to straighten not only frames and forks but also cranks, handlebars, polo seat struts, etc. the vinyl coating on the hook and fulcrum pad protects painted surfaces. The hook has over 8" of adjustment along the notched lever.

Shipping Weight: 4 lbs.

**New Model
Stronger Side Plates**



Frame and Fork End Alignment Gauge Set FFG-1

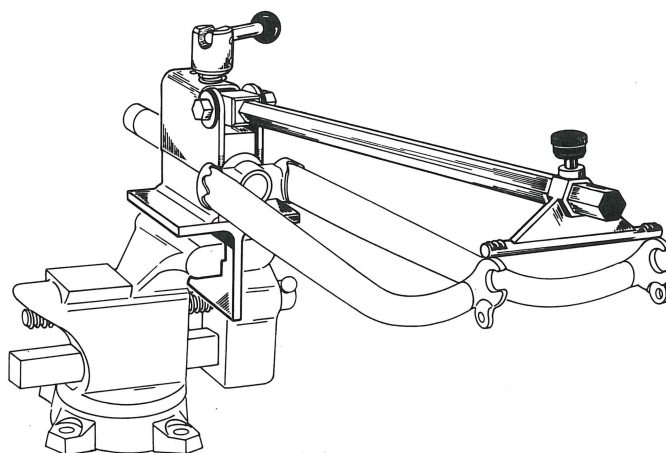
There are occasions, even on new bikes, when the frame and fork drop-outs are not parallel, creating bent axles or skewers on quick release hubs. The Park Frame and Fork Alignment Gauge Set was designed to align the drop-outs easily without elaborate fixtures. They quickly show whether the drop-outs are parallel and produce plenty of leverage to straighten them. These are the only gauges available that can be adjusted to compensate for various hub widths. A caliper is provided for checking this dimension.

Shipping Weight: 2½ lbs.

Fork Clamp And Gauge FT-4

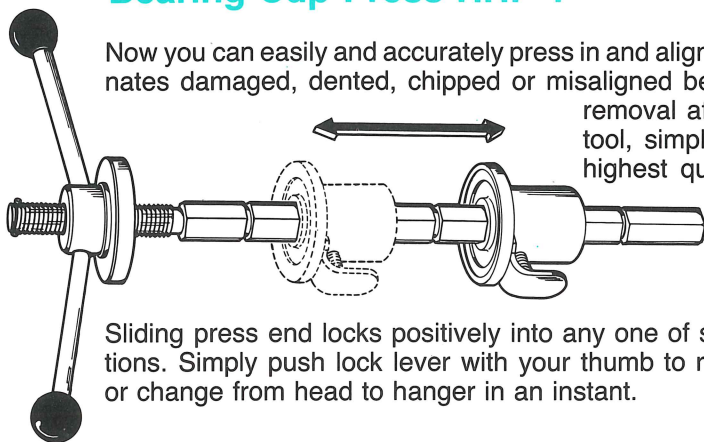
Fork straightening can be easy and profitable with the proper equipment. The Park Fork Clamp and Gauge is designed to quickly and accurately determine the trueness of all forks and securely hold the fork stem for easy straightening. The sliding Gauge Bar is used to check the alignment along the entire length of the fork blades and is marked on each end to check the width. The Clamp can be inserted in any vise as shown, or on its side.

Shipping Weight: 10 lbs.



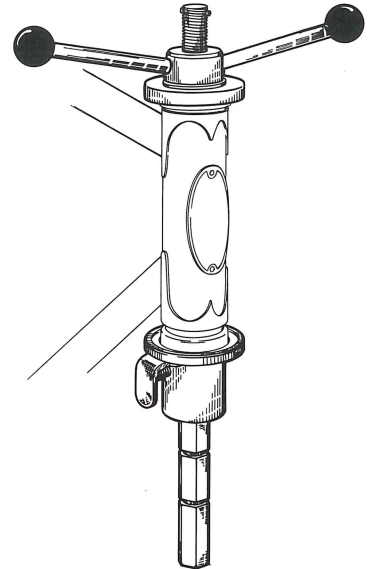
Frame Tools

Bearing Cup Press HHP-1



Now you can easily and accurately press in and align crank hanger and fork head bearing cups. Eliminates damaged, dented, chipped or misaligned bearing cups. Our unique design permits instant removal after cups are seated, no unscrewing to remove tool, simply slide off. Our tests prove this tool to be the highest quality, most accurate, strongest and easiest to use. The entire tool is heat treated and chrome plated to give years of trouble free service.

Sliding press end locks positively into any one of seven positions. Simply push lock lever with your thumb to remove tool or change from head to hanger in an instant.



Inserting Head Cups . . .

. . . is easy with your Park Bearing Cup Press. Instantly changes to fit any frame size from smallest child's or BMX model to large frame size 10-speed models. Seven positions make this tool unique and easy to use. No nut to unscrew from a long threaded shaft as on other brands. Instant removal after bearing cups are seated into frame.

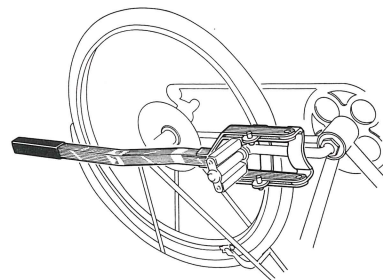
Inserting Hanger Cups

Change to crank hanger cups in a breeze. Simply slide shaft through cups and frame — slip the press end onto the shaft and turn handles to seat cups. You'll do a better job quicker and easier, eliminates "tight" spots and helps prevent uneven cone and bearing wear. Instant removal after bearing cups are seated into frame.

Crank Straightener HCS-1

You can easily straighten one-piece cranks without removing pedals. Our unique design has a sliding fulcrum which permits you to place tool in proper position on bent crank arm. Tool is super strong, beautifully chrome-plated and features heavy vinyl padding to protect cranks from damage. Ideal for BMX cranks.

Shipping Weight: 4 lbs.



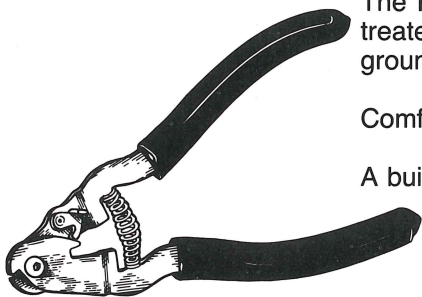
Cable Cutter CN-2

NEW IMPROVED MODEL

The Park Cable Cutter is manufactured from 1095 high carbon steel, heat-treated to give a long lasting cutting edge. The cutting jaws are surface ground to ensure a clean cut on any cable.

Comfortable plastic handles give a good feel and grip on the handles.

A built-in crimping slot makes it easy to install cable end caps.

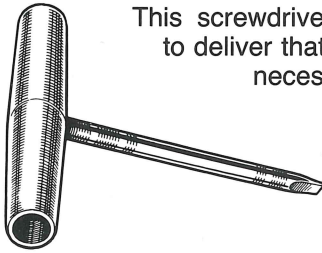


Cable jaws of the Park Cable Cutter are designed to compress the cable strands at the point of cut to help prevent cable fraying.

Shipping Weight: 4 oz.

Caliper Brake Tools

T-Handled Screwdriver SD-1



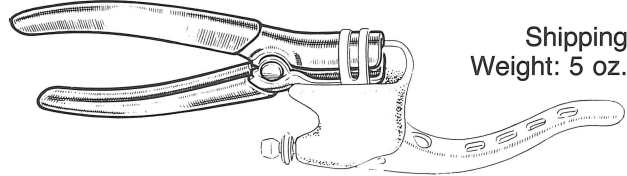
This screwdriver is specially designed to deliver that extra amount of torque necessary to get brake levers really tight.

The blade is made to fit pull up screws.

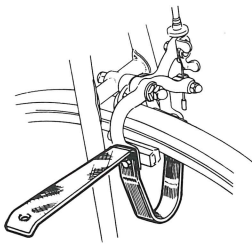
Shipping Weight: 3 oz.

Brake Lever Clamp Expander BCE-2

This special purpose pliers helps to round out the clamp loop of the brake lever when installing the lever on the handlebar. Can also be used to expand the clamp on the handle bar mounted shift controls.



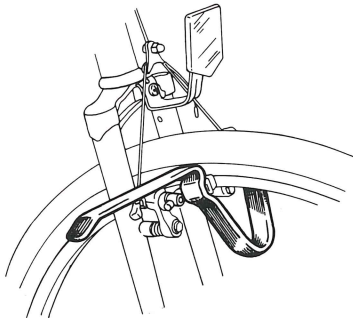
Shipping Weight: 5 oz.



Third Hand Brake Tool BT-1*

The Third Hand is for holding brake shoes against the rim while installing the cable. The vinyl coating makes it easy on the hands and the smooth edges allow it to be attached and removed without catching on any of the mechanisms.

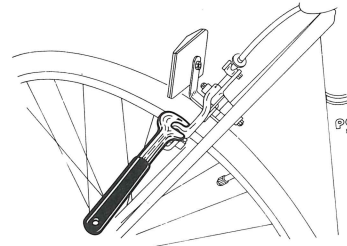
Shipping Weight: 3 oz.



Third Hand for Cantilever Brakes BT-4*

A new third hand designed especially for use on cantilever brakes. Found on cruisers, beach bikes, mountain bikes, etc. Vinyl coated spring steel will not mar brake shoes.

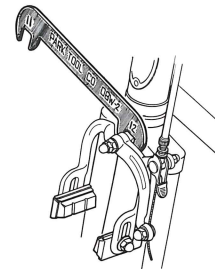
Shipping Weight: 4 oz.



Brake Toe-In-Tool BT-3

This tool is used for aligning caliper brake blocks in relation to the rim. Brake blocks that are perfectly parallel to the rim will "squeel". Our tool will allow blocks to be easily "toed-in". Simply place tool on flats of caliper arms and gently twist. Hardened and chrome plated.

Shipping Weight: 5 oz.



Offset Brake Wrenches OBW-1, OBW-2 *

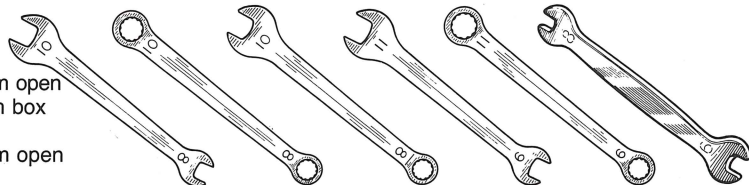
We call these our offset wrenches because of their unique design, which allow them to be used in tight places, such as for centering caliper brakes. OBW-1 has 10MM and 13MM openings, and OBW-2 has 11MM and 12MM openings. Chrome plated spring steel.

Shipping Weight: 5 oz.

Metric Wrenches CBW-1 to CBW-6 * and DW-1 *

CBW1 8mm open-10mm open
CBW2 8mm box-10mm box
CBW3 8mm box-10mm open

CBW4 9mm open-11mm open
CBW5 9mm box-11mm box
CBW6 Set of 5 Above
DW-1 8mm open-9mm open



Available individually or in set.

Shipping Weight: 1 oz. each; 5 oz. per set.

Miscellaneous Specialty Tools

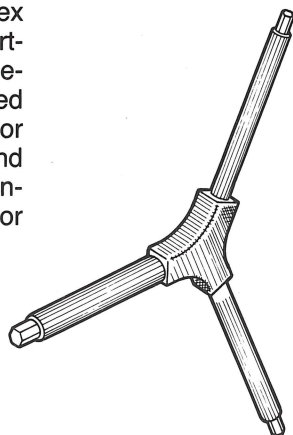
Hex Wrench Set AWS-1, AWS-2 ★

Each wrench combines 3 sizes of popular hex wrenches in a comfortable, easy-to-use design providing needed leverage to loosen or tighten hex screws and bolts. Each hex extension is vinyl coated for hand comfort.

AWS-1
4MM, 5MM, 6MM

AWS-2
1/8", 5/32", 3/16"

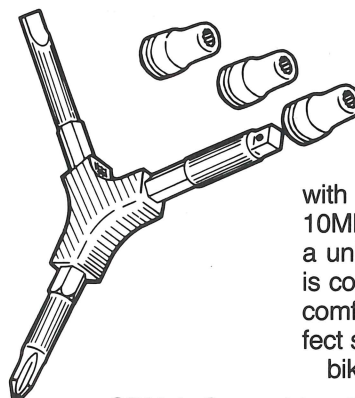
Shipping Weight: 3 oz.



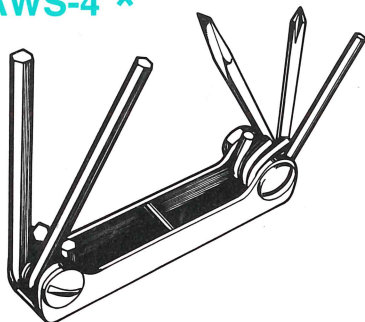
Screwdriver and Socket Combination Wrench SDY-1 ★

Combines a slotted screwdriver, Phillips screwdriver and a 1/4" socket drive complete with 8MM, 9MM, and 10MM quality sockets on a unique "Y" wrench that is compact, powerful and comfortable to use. Perfect size to carry with in a bike bag or in a tool box.

SDY-1 Screwdriver/Socket Combination
Shipping Weight: 4 oz.



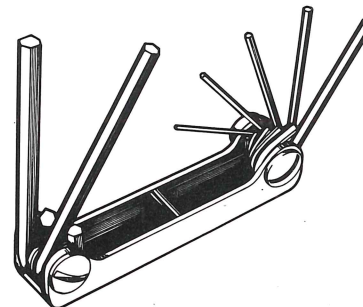
Fold-Up Hex Wrench Screwdriver Set AWS-4 ★



This set combines 4MM, 5MM, and 6MM hex keys (needed to service most new bikes today), with a #1 Phillips and a flat blade screwdriver. The AWS-4 is a handy fold-up tool, which makes it very convenient to carry along for emergency repairs. It is hardened and chrome plated for long use. It is, of course, like all Park Tools, made in the U.S.A.

Shipping Weight: 6 oz.

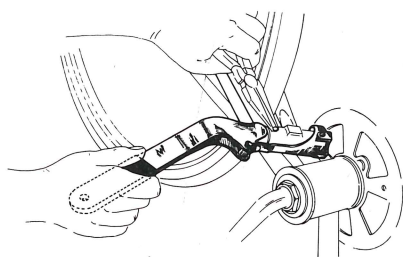
Fold-Up Hex Wrench Set AWS-5★



This wrench combines all the popular sizes needed on bikes today: ranging from 1.5MM to 6 MM.

The top quality, heat treated hex wrenches are contained in a chrome plated fold-up case, very convenient and easy to use.

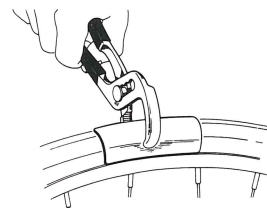
Shipping Weight: 6 oz.



Kickstand Tool KS-1

This tool is specifically designed for installing and removing the Schwinn kickstand. It is chrome plated and has a long vinyl dipped handle that produces all the leverage needed to compress the spring. It works on all Schwinn models with built-in kickstands.

Shipping Weight: 8 oz.



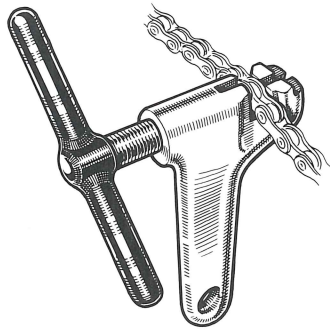
Park Tire Seater PTS-1

This tool is designed to quickly and easily "seat" stubborn tires. Often tire beads slip below the rim edge and are difficult to pull out. Simply place the non-slip jaws on the tire and "lift out".

The Park Tire Seater adjusts for various tire sizes and is chrome plated and the handles are vinyl coated for comfort.

Shipping Weight: 1#

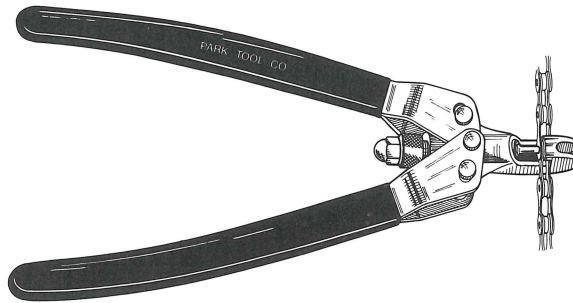
Screw Type Chain Tool CT-1



This chain tool is the perfect size, fitting nicely in your hand and is large enough to use in a vise. The built-in gauge shows how far the rivet is pushed out. It has a replaceable hardened pin and a vinyl coated handle for comfort.

Shipping Weight: 8 oz.

Plier Type Chain Tool CT-2



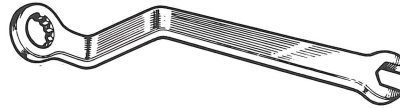
Designed for fast, easy removal or repair of chains, the tremendous leverage removes even the toughest rivets. To use, simply put the chain roller in the built-in recess and squeeze the handles. The travel adjusts to push the rivet back in the right distance.

Shipping Weight: 1½#

Replacement Chain Tool Pins CTP

These pins fit both Park chain tools. Shipping Weight: 9 oz. per 100

Seat Post Wrench SPT-1



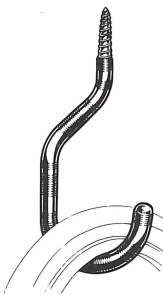
10mm – 12 point box – 13mm open — 1½" offset. Unique offset design permits easy access to saddle clamp bolts and Campi-type seat posts, reached under saddle skirt. Open end is used to adjust tension on saddle nose bolt.

Shipping Weight: 4 oz.

Wood Thread Bicycle Storage Hooks #451

Ideal for hanging bikes, wheels, toys, ladders, etc. Clean, sharp threads, heavy vinyl coating, zinc plated, bulk packed. Coated Red.

Shipping Weight: 17#per 100 hooks



Machine Thread Bicycle Storage Hooks #450



This is the same type and size of hook as the Wood Thread except with 1½ inches of 5/16-18 machine thread. An ideal way to store bicycles or wheels using steel tubing or angles as the support for the hooks. They are vinyl coated and bulk packed complete with two hex nuts per hook.

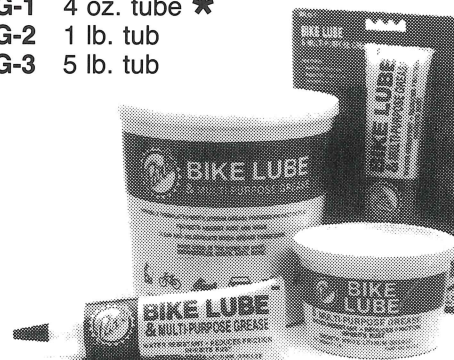
Shipping Weight: 19½# per 100 hooks.

White Lithium Grease

High quality, specially formulated white lithium grease. Ideal for bicycles — many other uses around the shop and home. Repels moisture, reduces friction, inhibits rust.

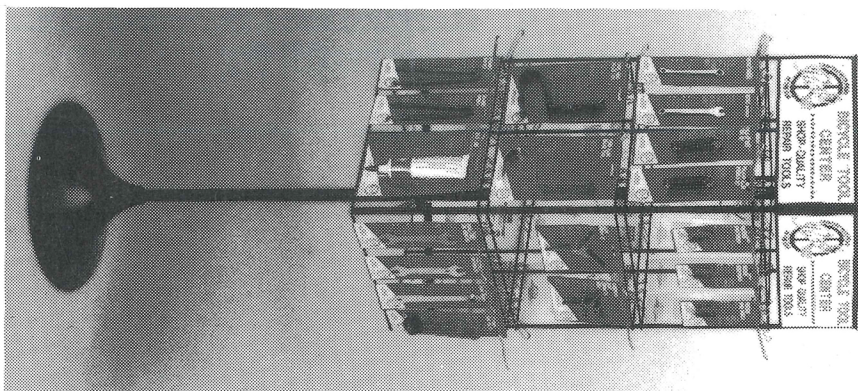
Available in 4 oz. tubes, 1 lb. and 5 lb. tubs for shop use.

- WLG-1 4 oz. tube ★
- WLG-2 1 lb. tub
- WLG-3 5 lb. tub



PARK TOOL CO.

3535 International Drive
St. Paul, Minnesota 55110
Telephone: (612) 490-1074
Fax: (612) 490-0953



To:

Park Tools available on attractive, easy to display (and sell) skin packaged cards are designated with ★ in catalog.